

Release notes for ENDF/B Development g-006_C_012
evaluation

ENDF
B-VII.dev

December 2, 2016

- checkr Warnings:

1. A previous error halted parsing of the current section
MAT= 625, MF= 1, MT=451 (1): Parsing stopped

```
ERROR(S) FOUND IN MAT= 625, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER      282 TO      290
```

- checkr Errors:

1. A variable is outside the allowed ENDF range
MAT= 625, MF= 1, MT=451 (0): Variable range

```
ERROR(S) FOUND IN MAT= 625, MF= 1, MT=451
MOD =      1 OUT OF RANGE      0 -      0      RECORD NUMBER      282
```

2. Missing a section in directory so your directory is messed up. This error will break everything else
MAT= 625, MF= 3, MT= 3 (0): Directory (b)

```
ERROR(S) FOUND IN MAT= 625, MF= 3, MT= 3
SECTION 3/ 3 NOT IN DIRECTORY      RECORD NUMBER      292
```

3. Missing a section in directory so your directory is messed up. This error will break everything else
MAT= 625, MF= 3, MT= 5 (0): Directory (b)

```
ERROR(S) FOUND IN MAT= 625, MF= 3, MT= 5
SECTION 3/ 5 NOT IN DIRECTORY      RECORD NUMBER      329
```

4. Missing a section in directory so your directory is messed up. This error will break everything else
MAT= 625, MF= 3, MT= 50 (0): Directory (b)

```
ERROR(S) FOUND IN MAT= 625, MF= 3, MT= 50
SECTION 3/ 50 NOT IN DIRECTORY      RECORD NUMBER      366
```

5. Missing a section in directory so your directory is messed up. This error will break everything else
MAT= 625, MF= 3, MT=600 (0): Directory (b)

```
ERROR(S) FOUND IN MAT= 625, MF= 3, MT=600
SECTION 3/600 NOT IN DIRECTORY      RECORD NUMBER      394
```

6. Missing a section in directory so your directory is messed up. This error will break everything else
MAT= 625, MF= 6, MT= 5 (0): Directory (b)

```
ERROR(S) FOUND IN MAT= 625, MF= 6, MT= 5
SECTION 6/ 5 NOT IN DIRECTORY      RECORD NUMBER      426
```

7. Missing a section in directory so your directory is messed up. This error will break everything else
MAT= 625, MF= 6, MT= 50 (0): Directory (b)

ERROR(S) FOUND IN MAT= 625, MF= 6, MT= 50
SECTION 6/ 50 NOT IN DIRECTORY

RECORD NUMBER 6931

8. Missing a section in directory so your directory is messed up. This error will break everything else
MAT= 625, MF= 6, MT=600 (0): Directory (b)

ERROR(S) FOUND IN MAT= 625, MF= 6, MT=600
SECTION 6/600 NOT IN DIRECTORY

RECORD NUMBER 6945

- fudge-4.0 Errors:

1. Calculated and tabulated Q values disagree.
reaction label 0: n + C11 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -18321524.60614014 eV vs -18722010. eV!

2. Calculated and tabulated Q values disagree.
reaction label 1: H1 + B11 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -15675570.19056702 eV vs -15957080. eV!

3. Cross section domain does not match domain of linked reaction cross section sum
crossSectionSum label 0: nonelastic (Error # 0): summedCrossSectionDomainMismatch

WARNING: Cross section domain does not match domain of linked reaction cross section sum